In the Claims:

Please amend Claims 1, 2 and 6; cancel Claims 7-20; and add new Claims 21-30, all as shown below. Applicant respectfully reserves the right to prosecute any originally presented or canceled claims in a continuing or future application.

1. (Currently Amended) A system for designing a business process, comprising:

an introspection module that generates a catalog of generic components by introspecting a set of exposed application programming interfaces (APIs) of a plurality of heterogeneous applications created in different programming languages and transforming ~~operable to transform~~ a plurality of implementation-specific components of said heterogeneous applications into ~~a plurality of~~ the generic components of said catalog, the implementation-specific components associated with a plurality of implementations;

a component manager coupled to the introspection module and operable to manage said catalog generated by the introspection module by defining and organizing ~~define~~ the generic components in said catalog; and

a process designer coupled to the component manager and operable to:

select at least one of the generic components from said catalog managed by the component manager; and

generate a business process ~~operable to use the at least one of~~ that includes a series of activities and transitions wherein at least one activity of said business process invokes the selected generic ~~components~~ component from said catalog; and

one or more process engines that execute said business process.

2. (Currently Amended) The system of Claim 1, further comprising an organizational repository that includes said catalog, organizational data and a plurality of business processes generated by said process designer; ~~one or more process engines, a process engine operable to execute the business process~~.

3. (Original) The system of Claim 1, wherein the introspection module is operable to:

determine an implementation associated with at least one of the implementation-specific components;

retrieve the at least one of the implementation-specific components;

map each of the at least one of the implementation-specific components to a generic component to yield a mapping; and

save the mapping.

4. (Original) The system of Claim 1, wherein the introspection module comprises a plurality of implementation modules, an implementation module operable to retrieve one or more implementation-specific components associated with an implementation.

5. (Original) The system of Claim 1, further comprising a debugger coupled to the process designer and operable to detect an error of the business process.

6. (Currently Amended) The system of Claim 1, further comprising:

~~one or more process engines, a process engine operable to execute the business process;~~

a data warehouse coupled to the one or more process engines and operable to store transactional data describing the executed business process; and

a data server coupled to the data operable to organize the transactional data.

7-20. (Canceled)

21. (New) The system of Claim 1 wherein said introspection module further includes at least one implementation module that is used to access implementation-specific components associated with at least one of: Java, Standard Query Language (SQL), Automation, Enterprise JavaBeans (EJB), CORBA, Remote Method Invocation (RMI), Extensible Markup Language (XML) schemas, Web Services and Java Naming and Directory Interface (JNDI).

22. (New) The system of Claim 21 further comprising:

a binding table containing one or more entries that associate the selected implementation-specific components with generic components from said catalog.

23. (New) A computer implemented method for designing business processes, said method comprising:

introspecting a plurality of applications implemented in multiple programming languages or enabling technologies;

generating a catalog of generic components by translating implementation-specific components of the plurality of applications into the generic components of said catalog;

selecting at least one generic component from the catalog;

generating one or more business processes, each business process including a series of activities and transitions wherein at least one activity of said business processes invokes the at least one generic component selected from said catalog; and

executing the generated one or more business processes at one or more process engines.

24. (New) The method of Claim 23, further comprising:

providing an organizational repository that includes said catalog, organizational data and the generated one or more business processes.

25. (New) The method of Claim 23, further comprising:

determining an implementation associated with at least one of the implementation-specific components;

retrieving the at least one of the implementation-specific components;

associating each of the at least one of the implementation-specific components to a generic component to yield a mapping; and

saving the mapping.

26. (New) The method of Claim 23, further comprising:

detecting an error of the generated one or more business processes by using a debugger.

27. (New) The method of Claim 23, further comprising:

storing transactional data describing the executed business process in a data warehouse; and

organizing the transactional data at a data server.

28. (New) The method of Claim 23 wherein translating implementation-specific components of the plurality of applications into the generic components of said catalog further includes:

associating a generic component identifier with an implementation-specific identifier and storing the association in an entry of a binding table.

29. (New) The method of Claim 23 wherein introspecting further includes providing at least one implementation module that is used to access implementation-specific components associated with at least one of: Java, Standard Query Language (SQL), Automation, Enterprise JavaBeans (EJB), CORBA, Remote Method Invocation (RMI), Extensible Markup Language (XML) schemas, Web Services and Java Naming and Directory Interface (JNDI).

30. (New) A computer readable medium having instructions stored thereon which when executed by one or more processors cause a system to:

introspect a plurality of applications implemented in multiple programming languages or enabling technologies;

generate a catalog of generic components by translating implementation-specific components of the plurality of applications into the generic components of said catalog;

select at least one generic component from the catalog;

generate one or more business processes, each business process including a series of activities and transitions wherein at least one activity of said business processes invokes the at least one generic component selected from said catalog; and

execute the generated one or more business processes at one or more process engines.